J.S. PTC

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 031340

First Named Inventor or Application Identifier

Hideo MIYAZAWA, Isao IWAGUCHI, Mitsuo WATANABE, Kozo YAMAZAKI and Masanori OHKAWA

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10. [] English translation Document (if applicable)								
11. [XX] Information Disclosure Statement [1] Copy of IDS Citations w/PTO-1449 and 4 references								
12. [] Preliminary Amendment								
13. [XX] Return Receipt Postcard (MPEP 503)								
14. [] Small Entity Status is claimed.								
15. [XX] Claim for Convention Priority [1] Certified copy of Priority Document is enclosed a. Priority of <u>Japanese</u> application no. <u>2003-044986</u> filed on <u>February 21, 2003</u> is claimed under 35 USC 119.								
16. [] Other								
17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:								
[] Continuation [] Division [] Continuation-in-part (CIP) of prior application no								
FEE TRANSMITTAL The filing fee is calculated below	Number Filed	Number Extra	Rate	Basic Fee \$770.00				
Total Claims	18 - 20		x \$18.00					
Independent Claims	3 - 3		x \$86.00					
Multiple Dependent Claims								
Filing Fee	\$770.00							
Reduction by 1/2 for small entity								
Fee for recording enclosed Assignment \$40.00				\$ 40.00				
TOTAL	\$810.00							

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[XX]	A check in the amount of \$810.00 is enclosed to	cover	the filing	fee of	\$770.00
	and the assignment recordation fee of \$40.00.				

Please charge our Deposit Account No. 01-2340 in the total amount of ______ to cover the filing fee and the _____ assignment recordation fee. A duplicate of this sheet is attached.

[XX] The Commissioner is hereby authorized to charge payment for any additional filing fees required under 37 CFR 1.16 or credit any overpayment to Deposit Account No. 01-2340.

18. CORRESPONDENCE ADDRESS:

Armstrong, Kratz, Quintos, Hanson & Brooks, LLP Suite 1000,1725 K Street, N.W. Washington, D. C. 20006

Tel: (202) 659-2930 Fax: (202) 887-0357

PATENT TRADEMARK OFFICE

Typed or Printed Name William L. Brooks Reg. No. 34,129

Signature 2

Date: December 31, 2003

WLB:jaz